

L. S. TAYLOR.

Damper.

No. 112,863.

Patented Mar. 21, 1871.

Fig. 1.

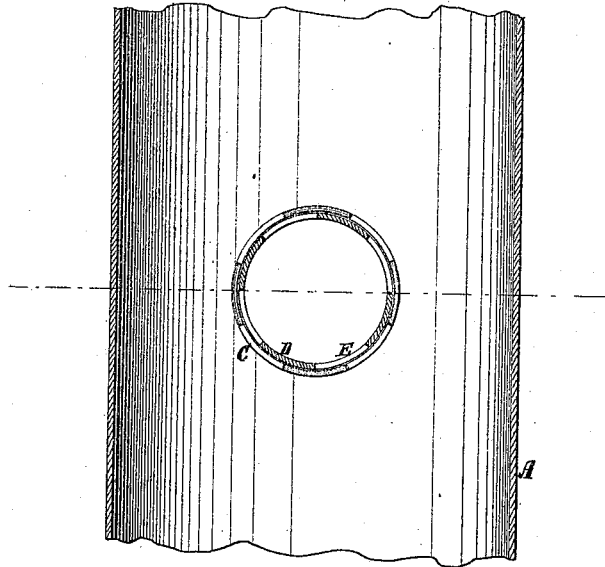
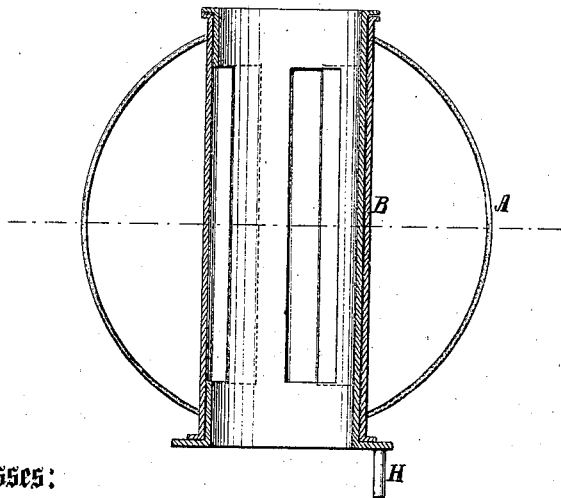


Fig. 2.



Witnesses:

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LEONARD S. TAYLOR, OF SIGEL, MISSOURI.

Letters Patent No. 112,863, dated March 21, 1871.

IMPROVEMENT IN DAMPERS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, LEONARD S. TAYLOR, of Sigel, in the county of Pettis and State of Missouri, have invented a new and improved Damper; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to improvements in dampers for stove-pipes and other flues; and

It consists in a tube arranged transversely through the pipe or flue, open at both ends, and having slots opening into the pipe or flue, in which tube is placed another having corresponding slots, and arranged for rotating for bringing its openings into coincidence with those in the first-mentioned tube, or to close said openings, all as hereinafter described.

Figure 1 is a vertical section of a stove-pipe provided with my improved damper, and

Figure 2 is a horizontal section of the same taken on the line *x x* of fig. 1.

Similar letters of reference indicate corresponding parts.

A is the stove-pipe or other flue;

B is the tube, arranged through it transversely with the slots C, and open at both ends; and

D is the tube fitting in B so as to turn, and having corresponding slots E. By turning this latter tube on its axis so as to bring its openings over those of tube B passages are opened for cold air to flow from the room into the flue to check the fire, and by turning it the other way they are closed and the inflowing air cut off.

For convenience in turning tube D it is provided with a crank-pin, H.

This arrangement admits of regulating the temperature of the air in a room with great facility.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The combination, with a stove-pipe or other flue, of the transverse slotted tube B, open at the ends, and the revolving slotted tube D arranged therein, all substantially as specified.

LEONARD S. TAYLOR.

Witnesses:

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